



(19)

Europäisches Patentamt

European Patent Office

Office européen des brevets



(11)

EP 0 930 770 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
16.08.2000 Bulletin 2000/33

(51) Int. Cl.?: H04N 1/00

(43) Date of publication A2:
21.07.1999 Bulletin 1999/29

(21) Application number: 98120503.2

(22) Date of filing: 29.10.1998

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE
Designated Extension States:
AL LT LV MK RO SI

(30) Priority: 14.01.1998 JP 533198

(71) Applicant:
MITSUBISHI DENKI KABUSHIKI KAISHA
Tokyo 100-8310 (JP)

(72) Inventors:
• Aoki, Toru
Chiyoda-ku, Tokyo 100 8310 (JP)

• Hamaguchi, Tadahiko
Chiyoda-ku, Tokyo 100 8310 (JP)
• Matoba, Naruhiko
Chiyoda-ku, Tokyo 100 8310 (JP)
• Saito, Masayuki
Chiyoda-ku, Tokyo 100 8310 (JP)
• Kamo, Masayoshi
Chiyoda-ku, Tokyo 100 8310 (JP)

(74) Representative:
Pfenning, Meinig & Partner
Mozartstrasse 17
80336 München (DE)

(54) Portable cellular phone having the function of a camera

(57) A portable cellular phone includes audio input means, transmission means for transmitting to a calling/called party audio information converted by the input means, character information input means, and character memory. The portable cellular phone further includes a digital camera which photographs an image and outputs image information, image memory which stores the image information, a system control section which links the image information of the digital camera or of the image memory to character information of the character memory, display means which displays linked information items, and changeover means which switches the image information received from the image memory to audio information in such a way that means for transmitting the audio information transmits the image information.

EP 0 930 770 A3

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

EP 98 12 0503

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

26-06-2000

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9726744	A	24-07-1997		AU 1363697 A		11-08-1997
				CA 2243244 A		24-07-1997
				CN 1208529 A		17-02-1999
				EP 0875109 A		04-11-1998
US 5581299	A	03-12-1996		NONE		
JP 08088841	A	02-04-1996		NONE		
US 5666159	A	09-09-1997		US 5943603 A		24-08-1999



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 98 12 0503

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)		
X	WO 97 26744 A (ROBB GARRY DOUGLAS) 24 July 1997 (1997-07-24)	1-7,9,10	H04N1/00		
Y	* the whole document * ---	8			
Y	US 5 581 299 A (RANEY ROBERT B) 3 December 1996 (1996-12-03)	8			
A	* abstract * * column 1, line 15 - line 18 * * column 2, line 23 - line 26 * * claims 1,6 *	1-7,9,10			
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 08, 30 August 1996 (1996-08-30) & JP 08 088841 A (ADO MANIYUARU:KK), 2 April 1996 (1996-04-02) * abstract *	1-10			
A	US 5 666 159 A (PARULSKI KENNETH A ET AL) 9 September 1997 (1997-09-09) * abstract *	1-10	<table border="1"> <tr> <td>TECHNICAL FIELDS SEARCHED (Int.Cl.5)</td> </tr> <tr> <td>H04N H04M</td> </tr> </table>	TECHNICAL FIELDS SEARCHED (Int.Cl.5)	H04N H04M
TECHNICAL FIELDS SEARCHED (Int.Cl.5)					
H04N H04M					
<p>The present search report has been drawn up for all claims</p>					
Place of search	Date of completion of the search	Examiner			
THE HAGUE	26 June 2000	Stoffers, C			
CATEGORY OF CITED DOCUMENTS					
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document					
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document					